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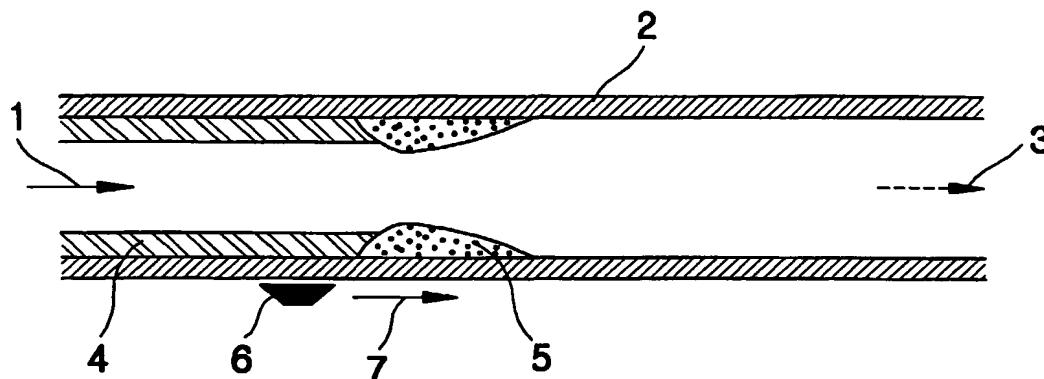
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(54) Title: METHOD FOR MANUFACTURING AN OPTICAL FIBER PREFORM BY MCVD



(57) Abstract: Disclosed is a method for manufacturing an optical fiber preform in MCVD, which simultaneously performs an etching process for injecting a reaction gas for etching into a tube and a collapsing process for heating and collapsing the tube in order to minimize or eliminate an index dip existing at the center of the preform core. By using this method, the index dip phenomenon of the optical fiber preform can be minimized or eliminated, so it is possible to make an optical fiber having improved optical characteristics, particularly having improvement in a bandwidth and a polarization mode dispersion (PMD).